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*File 605/1*  
*Date 06 13 59*

PROGRESS REPORT  
FOR  
MONTH OF JUNE 1959

TRANSPORTABLE INFLATABLE ANTENNA

**Purpose:** The scope of this project is to design, develop and test one antenna system for 350-10,000 mc range and to fabricate and deliver five complete antenna systems with indoor mounts and two interchangeable outdoor mounts.

**Personnel:** Electrical Engineer:   
Mechanical Engineers:

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**Status:** All parts to complete the five remaining antenna systems have been built and about 90% assembled. At present, the feeds are being foamed. The instruction books have been completed and are in the process of being delivered.

**Future Plans:** Foaming the log periodic feeds is requiring more time than was originally anticipated; they should be completed, tested, and ready to pack by 24 July 1959. As mentioned in last month's report, enough air dielectric coax is on hand for one more antenna system. The remainder of the coax was to have been delivered by 1 July 1959. That delivery date has now been changed to 1 September 1959. Since the remainder of the antenna systems will be ready to pack by the last week of July, the revised delivery date on the coax will delay the



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delivery of four of the antenna systems. As a temporary expedient, the four systems could be shipped with type RG 8/U coax which would be replaced with the air dielectric coax as soon as delivery was made by Prodelin.

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